

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows.

1. (Cancelled)
2. (Currently Amended) The connector of claim [[1]]5, wherein the first part [[14]] of the guiding means [[12]] projects from the base [[10]] to a height greater than that of the projecting part of the plugs [[4]] above the base [[10]].
3. (Currently Amended) An inserted electrical connector for interlinking two superimposed electronic circuits comprising:
electrically conducting plugs each of which is intended to ensure an electrical connection between a first electrical contact area borne by the first electronic circuit and a second electrical contact area borne by the second electrical circuit;
a base made of electrically insulating material with plugs;
a guide made of electrically insulating material; and
a guiding means attached thereto and located between the guide and the base;
wherein at least some of the plugs project from the base so that the free end of each one can fit into and slide in a housing passing through the guide;
wherein the guiding means comprises a projecting first part attached to the base and an additional second part mounted on the first part and attached to the guide; and
~~The connector of claim 1,~~ wherein the plugs [[4]] are ~~inserted~~fitted into ~~[[the]]~~ associated housings [[13]] passing through the ~~tight sliding~~ guide [[12]], ~~with an even~~while a tighter sliding assembly is located between the two parts [[14, 15]] of the guiding means [[12]].
4. (Cancelled)
5. (Currently Amended) An inserted electrical connector for interlinking two superimposed electronic circuits comprising:
electrically conducting plugs each of which is intended to ensure an electrical connection between a first electrical contact area borne by the first electronic circuit and a second electrical contact area borne by the second electrical circuit;

a base made of electrically insulating material with plugs;
a guide made of electrically insulating material; and
a guiding means attached thereto and located between the guide and the base;
wherein at least some of the plugs project from the base so that the free end of each one
can fit into and slide in a housing passing through the guide;
wherein the guiding means comprises a projecting first part attached to the base and an
additional second part mounted on the first part and attached to the guide;
wherein one of the electronic circuits known as the second circuit, have first holes and
wherein the plugs pass through the first holes, with more play than that existing
between the plugs and the associated housings of the guide; and
~~The connector of claim 4,~~ wherein the second circuit comprises second holes and
wherein the first part [[14]] of the guiding means [[12]] passes through the
[[two]]second holes [[22]] of the second circuit [[3]] with less play than that
between the plugs [[4]] and the first holes [[9]].

6. (Currently Amended) The connector of claim [[1]]3, wherein the base comprises housings and wherein the plugs [[4]] are mounted in the housings [[18]] of the base [[10]] with a tighter fit than that existing between the plugs [[4]] and the associated housings [[13]] of the guide [[12]].

7. (Currently Amended) An inserted electrical connector for interlinking two superimposed electronic circuits comprising:

electrically conducting plugs each of which is intended to ensure an electrical connection
between a first electrical contact area borne by the first electronic circuit and a
second electrical contact area borne by the second electrical circuit;
a base made of electrically insulating material with plugs;
a guide made of electrically insulating material; and
a guiding means attached thereto and located between the guide and the base;
wherein at least some of the plugs project from the base so that the free end of each one
can fit into and slide in a housing passing through the guide,
wherein the guiding means comprises a projecting first part attached to the base and an
additional second part mounted on the first part and attached to the guide; and

~~The connector of claim 1,~~ wherein the first part of the guiding means [[12]] comprises posts [[14]] each of which fits tightly so as to slide ~~[[in]]~~through an additional hole [[15]] made in the guide [[11]] and comprising the second part of the guiding means [[12]].

8. (Currently Amended) The connector of claim [[1]]7, wherein the base [[10]] is equipped with ~~means 16 in the shape of~~ projections [[16]] for attaching said base to another electronic circuit [[2]], known as the first circuit.
9. (Currently Amended) The connector of claim 8, wherein the projections comprise pins [[16]] with flanged tabs [[17]] on their free end owing to at least one groove and wherein the pins [[16]] are intended to pass through an additional opening in the first circuit [[2]] in order to be attached by snapping onto the base [[10]] on the first circuit [[2]].
10. (Currently Amended) An inserted electrical connector for interlinking two superimposed electronic circuits comprising:
electrically conducting plugs each of which is intended to ensure an electrical connection
between a first electrical contact area borne by the first electronic circuit and a
second electrical contact area borne by the second electrical circuit;
a base made of electrically insulating material with plugs;
a guide made of electrically insulating material; and
a guiding means attached thereto and located between the guide and the base;
wherein at least some of the plugs project from the base so that the free end of each one
can fit into and slide in a housing passing through the guide;
wherein the guiding means comprises a projecting first part attached to the base and an
additional second part mounted on the first part and attached to the guide; and
~~The connector of claim 1,~~ wherein the plugs [[4]] comprise metal tabs of rectangular section with a head [[7]], comprising the free end of the tab [[4]] in a penetrating shape, and a foot [[8]] extending at a 90 degree angle to the plane of the tab [[4]].
11. (Currently Amended) The connector of claim 10, wherein the foot [[8]] is intended to make electrical contact with the first electrical contact area [[5]] of the first circuit [[2]].

12. (Currently Amended) The connector of claim [1]3, wherein the first part [[14]] of the guiding means [[12]] forms one piece with the base [[10]].
13. (Currently Amended) The connector of claim [[1]]3, wherein said connector ~~is intended to interlink~~ with a first electronic circuit pertaining to a power stage and a second electronic circuit pertaining to a control stage.
14. (Original) The connector of claim 13, wherein both stages are mounted in an electronic command and control box of an automobile alternator-starter.
15. (Cancelled)
16. (Currently Amended) A method for mounting an electrical connector for interlinking two superimposed electronic circuits, the electrical connector comprising:
electrically conducting plugs each of which is intended to ensure an electrical connection between a first electrical contact area borne by the first electronic circuit and a second electrical contact area borne by the second electrical circuit;
a base made of electrically insulating material with plugs;
a guide made of electrically insulating material; and
a guiding means attached thereto and located between the guide and the base;
wherein at least some of the plugs project from the base so that the free end of each one can fit into and slide in a housing passing through the guide;
wherein the guiding means comprises a projecting first part attached to the base and an additional second part mounted on the first part and attached to the guide;
wherein the guide is intended to occupy a premounting position whereby the guide covers the free ends of the plugs and a mounting position whereby the free ends of the plugs are uncovered; and
The method of claim 13, wherein means [[114]] are contemplated for maintaining the guide [[11]] in [[its]]the premounting position.
17. (New) The connector of claim 5, wherein the first part of the guiding means forms one piece with the base.

18. (New) The connector of claim 5, wherein said connector interlinks with a first electronic circuit pertaining to a power stage and a second electronic circuit pertaining to a control stage.
19. (New) The connector of claim 7, wherein the first part of the guiding means forms one piece with the base.
20. (New) The connector of claim 7, wherein said connector interlinks with a first electronic circuit pertaining to a power stage and a second electronic circuit pertaining to a control stage.
21. (New) The connector of claim 10, wherein the first part of the guiding means forms one piece with the base.
22. (New) The connector of claim 10, wherein said connector interlinks with a first electronic circuit pertaining to a power stage and a second electronic circuit pertaining to a control stage.